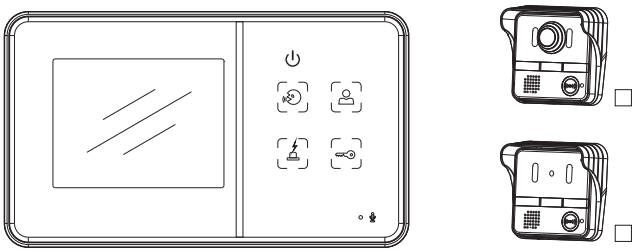
User's Manual



Four-wire
Color Video Doorphone

1. Functions

- **Powerful function**
  Monitoring, talking, warning, unlocking, audio/video output, night vision, automatic display, auto turn off, etc.
- **Hands-free Communication**
  The system provides hands-free communication between the indoor monitor and the outdoor camear .with the press of a button, you can communicate with the visitor at the door.
- **High resolution picture**
  The high resolution camera and 7 inch TFT-LCD make the image vivid and clear
- **Easy to install and use**
  It is very simple to install, use and maintain.
- **Multi-style**
  The system can be installed through various ways of connection as one camera to one monitor ,one to two ,two to one and two to two .It can satisfy the kinds of villa.
- **Night vision**
  Infrared LEDs on the camera allow you to see the visitor clearly at night before you open the door.
- **Alarm**
  With the alarm, you can frighten off the unwanted visitors.

2、what is included

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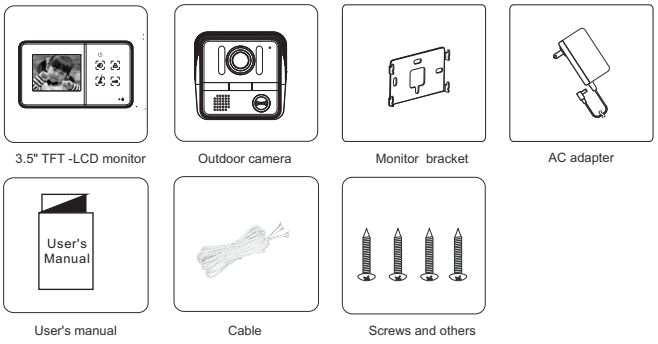
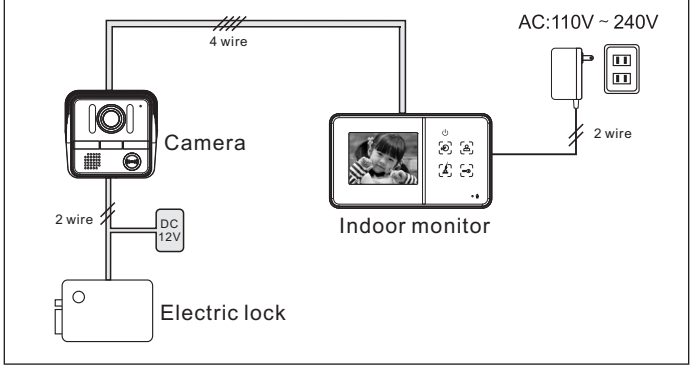


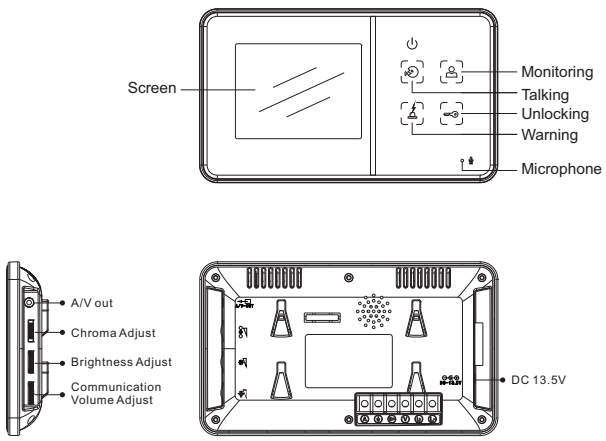
3. Installation

System diagram

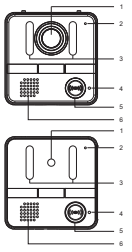


4. Features of monitor and camera

1. Indoor monitor



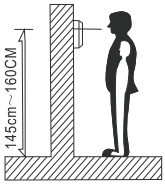
2. Camera



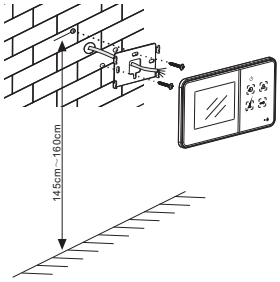
1. **Lens of the camera:** The lens can transmit the picture of the visitor to the monitor.
2. **Microphone:** For communication with the indoor monitor.
3. **Infrared LED lights:** The in-built infrared LED lights enable you to distinguish the visitor under the insufficient light.
4. **Indicator:** the red light enables the visitor to discover the outdoor camera at night.
5. **Call button:** When the visitor presses the button, the visitor's picture will be displayed on the monitor and a sound of music will remind.
6. **Speaker**

5. Installation

1. Installation of the monitor



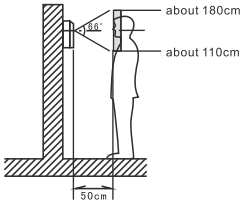
The optimum height of the monitor for installation is 145cm～160cm from the centre of the screen of the monitor to the ground.(This data is for reference only)

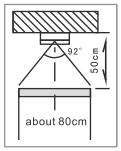


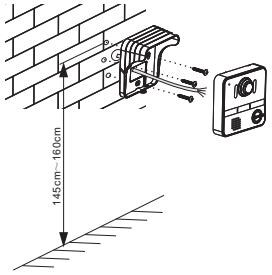
Take two screws to fix the mounting bracket on the wall and then install the monitor.

2. Installation of the camera

Positioning



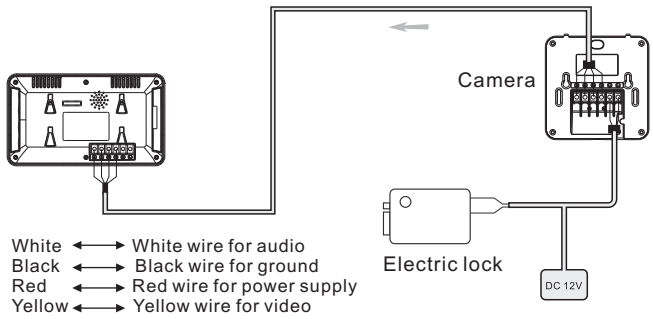




Notice:
Do not install the camera on the places under the sunshine. If the street light or other light reflect at the back of the visitor, you need to install lamps to make the picture more clearer.

6. Wiring diagram

Diagram of one to one



White ⟷ White wire for audio
Black ⟷ Black wire for ground
Red ⟷ Red wire for power supply
Yellow ⟷ Yellow wire for video

Notice

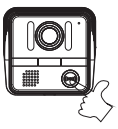
1. Before installation, please plug off the power supply cord.
2. The distance of connection wire between the camera and the monitor must be less than 50 metres.
3. For the clear picture, it is recommended to use the copper wire of 4 0.75mm^2.
4. For two cameras to one monitor or two to two type, please consult the vendor before purchasing.

Cautions

1. Do not put the video doorphone near the strong magnetic places.
2. Do not spray water or liquid to the video doorphone directly.
3. Do not shock the video doorphone.
4. Do not expose video doorphone to the sunshine or strong reflection ray.
5. Plug off the power cord while not use for a long time.
6. Do not insert plugs into a socket to be filled. (This may cause a fire or a short circuit)
7. Do not installed the video doorphonenear any ammonia or poisonous gas.
8. Do not try to dismantle the video doorphone, as the high voltage is inside it.
9. Do not clean the machine with detergent or other chemical solvent.
10. Do not try to dismantle the machine while failure to function. Please contact with the local service.

7. Operation

Diagram of one to one



①

Press the call button on the camera by the visitor

②

The picture of the visitor will displayed on the monitor screen.

③

Press the "talking" key and communicate with the visitor

④

Press the "unlocking" key to open the door.

⑤

On standby, press the "monitoring" key on the monitor then the picture outside the corresponding camera is displayed. Press again to exit.

⑥

Press the "warning" key then the working outdoor camera will alarm loudly. The function do not work on standby.

8. Trouble shooting

1. No sound while calling
a .Make sure all connections are secure and properly connected.
b .Make sure the volume knob on the monitor is turned up.
2. Unclear image
Check and adjust the brightness knob to meet your requirements.
3. Door not unlocking
The wire of unlock is disconnected or short circuit.

9. Specifications

Indoor monitor

Power Supply	DC 13.5V
Power Consumption	Standby:<0.2W Working:≤8W
Screen	3.5" TFT-LCD
Resolution	320 240 dot
Viewing Angle	L:50 / R:50 , U:15 /D:35
Brightness	300cd/m²
Video Input	1Vp-p
Cut-off Time	Stakeout :1minute,Conversation:1minute
Sensitivity	-60dB
Operation Temperature	-10℃~+55℃
Calling Tone	"Ding Dong" chime
External Dimension	160 90 20.5mm

Outdoor camera

Power Supply	DC 12V(supplied by the monitor)
Power Consumption	Working: <2w
Viewing Angle	92 (53 for pinhole camera)
Lighting Source	Infrared LED
Operation Temperature	-10℃~+55℃
External Dimension	100 100 21.7mm

* The specification might be changed without prior notice and subject to final confirmation